Modified power supplies
for specified market

version

COSEL

id5_95651R.indd 2 11.1.25 9:23:04 AM

XLED model

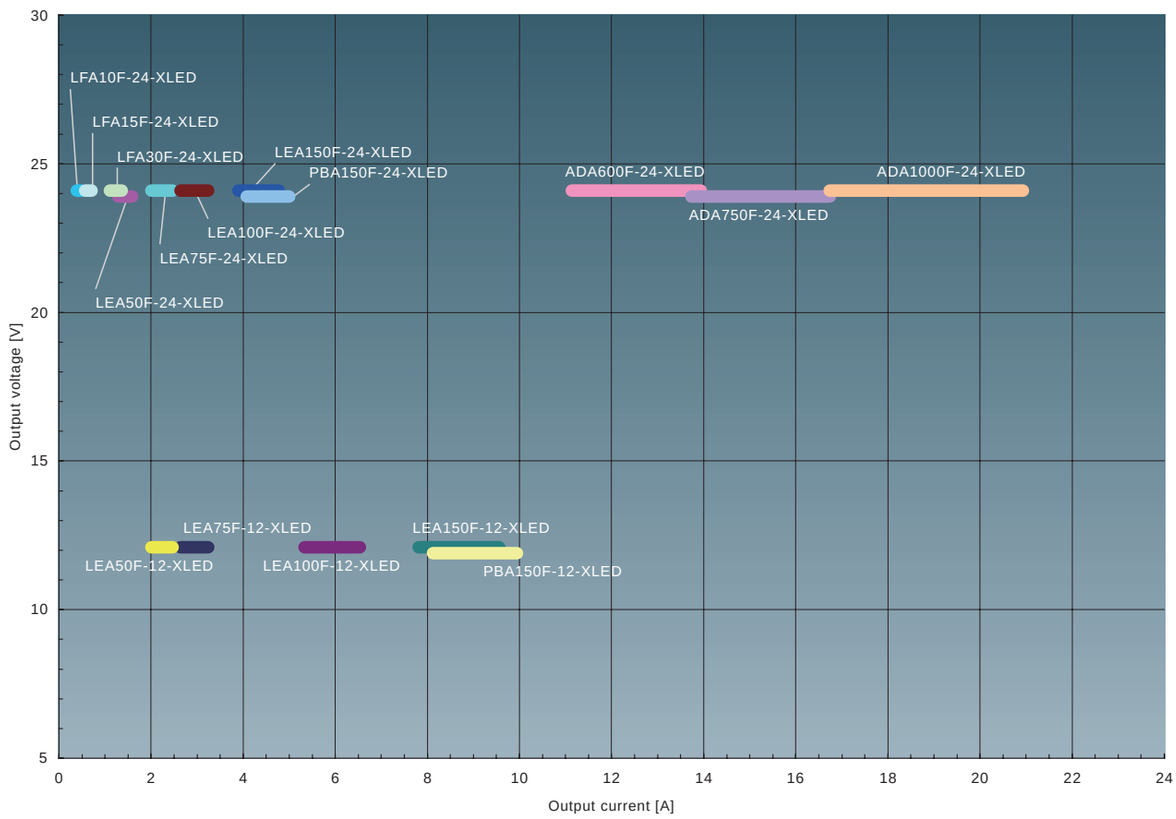
Constant Current Source model for LED sign display

Product line-up

Series	Model	Output voltage [V]	Output current [A]	Size [mm]	Photo image
LEA	LEA50F-12-XLED	12	3.0±10%	55×26×195	
	LEA50F-24-XLED	24	1.5±10%		
	LEA75F-12-XLED	12	4.4±10%	55×32×222	
	LEA75F-24-XLED	24	2.3±10%		
	LEA100F-12-XLED	12	6.0±10%	62×35×222	
	LEA100F-24-XLED	24	3.0±10%		
	LEA150F-12-XLED	12	8.75±10%	75×40×222	
	LEA150F-24-XLED	24	4.4±10%		
LFA*	LFA10F-24-XLED	24	0.5max	50×23.5×73.5	
	LFA15F-24-XLED	24	0.7max	50×23.5×87.5	
	LFA30F-24-XLED	24	1.3max	50×28.5×105	
PBA	PBA150F-12-XLED	12	9.1±10%	34×93×168	
	PBA150F-24-XLED	24	4.6±10%		
ADA	ADA600F-24-XLED	24	12.6±1.4	65×127×195	
	ADA750F-24-XLED	24	15.3±1.5	70×127×230	
	ADA1000F-24-XLED	24	18.9±2.1	75×127×280	

*Required external circuit in LFA series.

Output voltage & Output current map



id5_95651R.indd 3 11.1.25 9:23:08 AM

XLED model

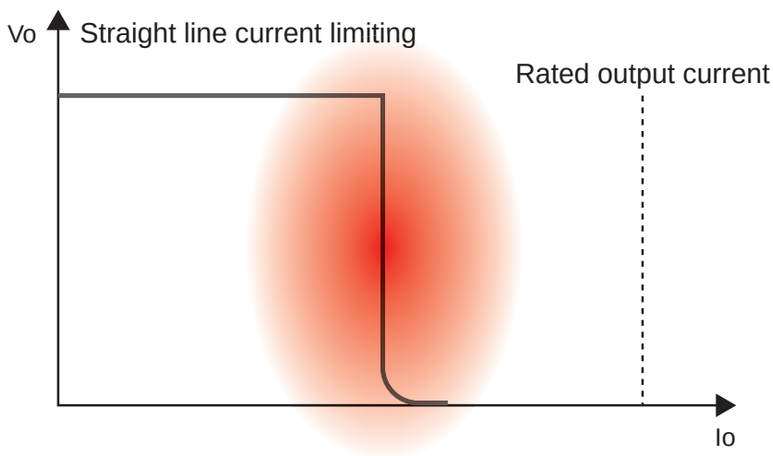
Constant Current Source model for LED sign display

Features

■ **Useful function, constant current source for LED driver.**

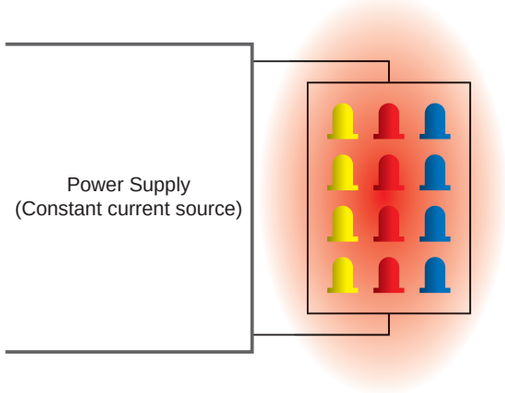
Available for constant current source!

A simple constant current source, set the OCP (Over Current Protection) point to within rated current.



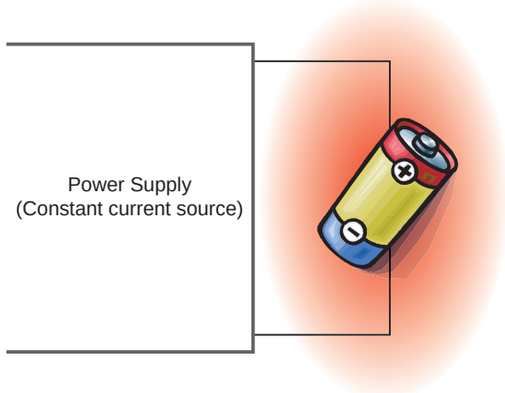
Available for direct connection to LED!

Since output is constant current source, no current limiting resistor is required.



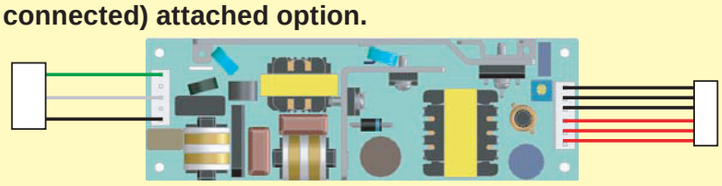
Applicable for battery charge!

A constant current characteristic is applicable to battery charge.

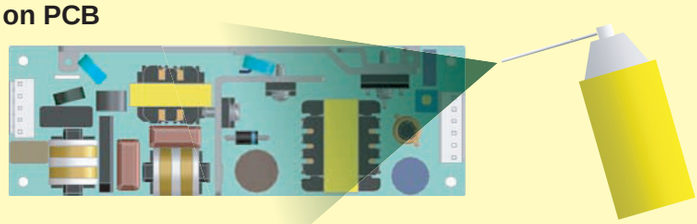


Various option to suit market needs

■ **Input / Output harness (directly connected) attached option.**



■ **Conformal coating on PCB**



Other options are available.
Please contact us for more details.

Please contact us for more details.

id5_95651R.indd 4 11.1.25 9:23:16 AM

HXRC model

Medical safety approval & Global inhibit model

Product line-up

Spec.		ACE450F	ACE650F	ACE900F	Photo image
Number of slot		5	5	6	
Input voltage		AC85-264V/DC120-350V			
Total output	AC 90-170V	400W	600W	800W (Peak1kW)	
	AC170-264V	450W	650W	900W (Peak1kW)	
Size [mm]		127×63.5×254	127×63.5×279	177.5×63.5×254	

Features

■ Standby mode with no FAN operation

No FAN sounds noise occurs at standby mode because FAN operation will stop at standby mode by global inhibit.

■ Reduced standby power by disabling internal circuit (*).

*Once global inhibit is activated, all output module, PFC circuit and FAN operation will be stop.

Energy-saving by global inhibit which stops all output, PFC circuit and FAN operation.

Other options are available.
Please contact us for more details.

ACE Series Output Module

Adjustable output voltage model

Product line-up

Item	2A	2B	2C	2D	2E	2F	2G	2H	2J	2K	Photo image
Output voltage [V]	2	3.3	5	7.5	12	15	18	24	34	48	
Output current [A]	60	60	60	40	25	20	17	14	10	7	
Peak current [A]	–	–	–	–	34	27	23	20	14	10	

Features

■ Adjustable output voltage

Output voltage will be adjustable by external circuit and control signal.
Adjustment range : 10 ~ 110% *Applicable for constant current source by arranging external circuit configuration.

Please contact us for more details.

id5_95651R.indd 5 11.1.25 9:23:21 AM

XVFN model

Variable Speed FAN model

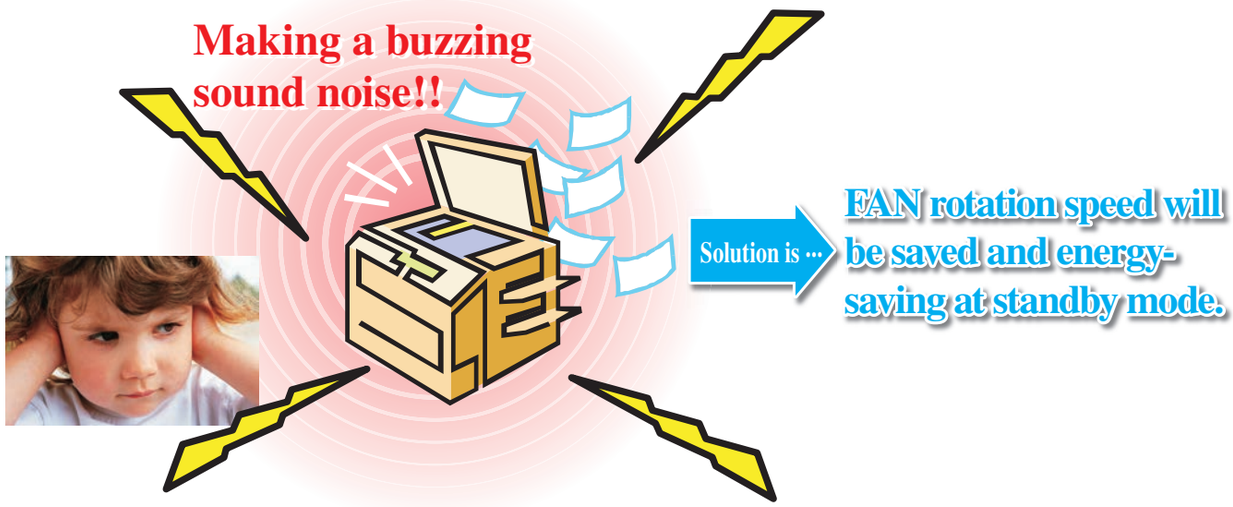
Product line-up

Series	Model	Output voltage [V]	Output current [A]	Size [mm]	Photo image
PBA	PBA600F-5-XVFN	5	120	120×61×190	
	PBA600F-12-XVFN	12	53		
	PBA600F-24-XVFN	24	27		

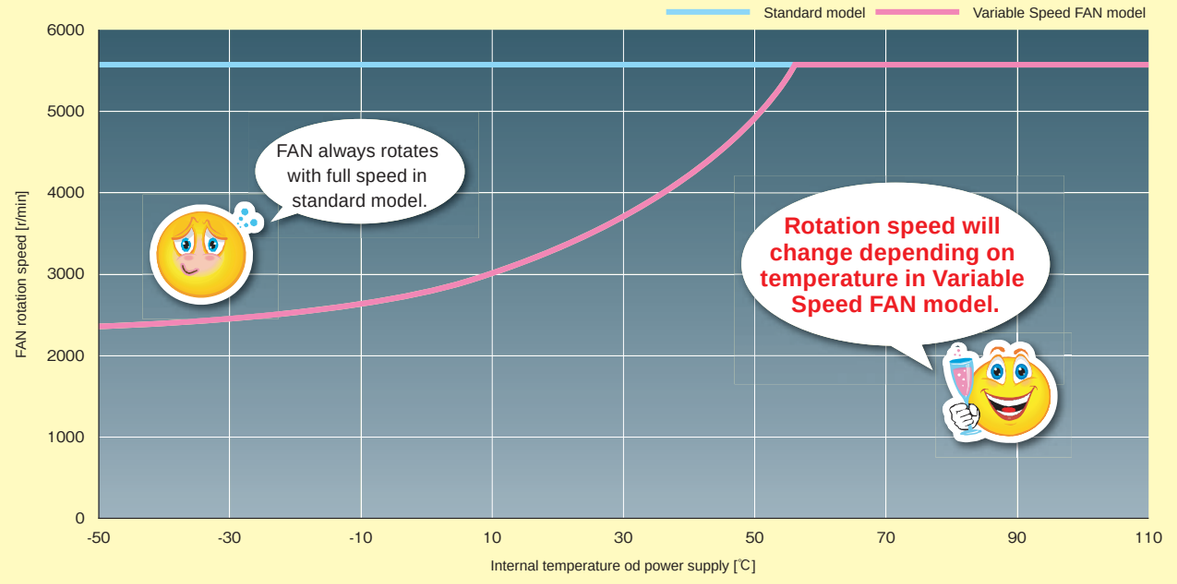
Features

■ FAN rotation speed will change depending on internal temperature of power supply.

For energy-saving and sounds noise reduction, FAN rotation speed will be decreased when internal temperature of power supply is low or standby mode.



Variable speed FAN characteristic image



id5_95651R.indd 6 11.1.25 9:23:28 AM

XCLP model

Adjustable output voltage by 4-20mA Current loop model

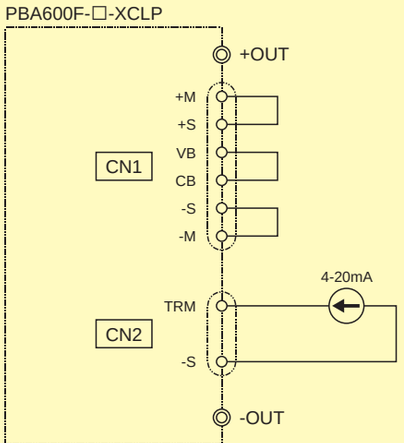
Product line-up

Series	Model	Output voltage [V]	Output current [A]	Size [mm]	Photo image
PBA	PBA600F-24-XCLP	24	27	120×61×190	
	PBA600F-48-XCLP	48	13		

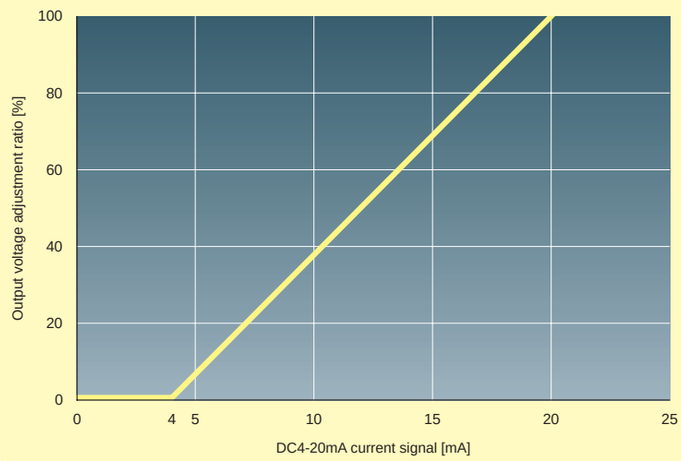
Features

■ Output voltage can be adjusted from 0 to 100% approximately by DC4-20mA analog current loops which is resistant than voltage signal from noise interference.

Ex.) How to apply current signal



PBA600F-□-XCLP
Output voltage adjustment characteristic image



XCFN model

Cooling FAN continuous rotation & Thermal protection with Automatic recovery

Product line-up

Series	Model	Output voltage [V]	Output current [A]	Size [mm]	Photo image
PBA	PBA600F-12-XCFN	12	53	120×61×190	
	PBA1000F-12-XCFN	12	88	150×61×240	

Features

■ **A cooling FAN will continuously rotate even if the output voltage is turned off by remote on/off.**

■ **In case that thermal protection circuit has been activated, the output voltage could restart automatically if the unit cooled down sufficiently.**

id5_95651R.indd 7 11.1.25 9:23:33 AM

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id5_95651R.indd 8 11.1.25 9:23:38 AM

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